

**ABSTRACT**

The present invention provides, an improved scanning apparatus and method for full-page scanning. The apparatus comprises a flat-bed scanner having a pattern disposed on a lower surface of the scanner housing. More specifically the pattern may be produced  
5 on a raised edge defining a platen aperture on a surface of the scanner housing. The pattern is recognized by the scanbar and processor so that the scanner can distinguish between a platen aperture edge and a document or image during a full-page scan. The present method comprises making a prescan to recognize and locate the platen aperture. Next, a primary scan is performed and scanned data is produced. During the primary  
10 scan, the scanbar may not scan the pattern. Alternatively, the scanbar may scan the pattern and subsequently remove the pattern from the scanned data. According to another method, the scanner may make a single scan collecting the pattern and the image. Subsequently, a processor may remove the pattern and, therefore the platen aperture edge from the scanned data.